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Q2 2023 Conference Call

August 2, 2023

Safe Harbor

This presentation contains forward-looking statements concerning Atomera Incorporated (""Atomera," the "Company," "we," "us," and "our"). The words "believe," "may," "will," "potentially," "estimate," "continue," "anticipate," "intend," "could," "would," "project," "plan," "expect" and similar expressions that convey uncertainty of future events or outcomes are intended to identify forward-looking statements. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including those disclosed in the section "Risk Factors" included in our Annual Report on Form 10-K filed with the SEC on February 15, 2023 (the "Annual Report"). In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this presentation may not occur and actual results could differ materially and adversely from those anticipated or implied in our forward-looking statements. You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in our forward-looking statements are reasonable, we cannot guarantee that the future results, levels of activity, performance or events and circumstances described in the forward-looking statements will be achieved or occur.

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This presentation contains only basic information concerning Atomera. The Company's filings with the Securities Exchange Commission, including the Annual Report, include more information about factors that could affect the Company's operating and financial results. We assume no obligation to update information contained in this presentation. Although this presentation may remain available on the Company's website or elsewhere, its continued availability does not indicate that we are reaffirming or confirming any of the information contained herein.

Atomera Incorporated

Mears Silicon Technology (MST®)

Quantum Engineered Materials

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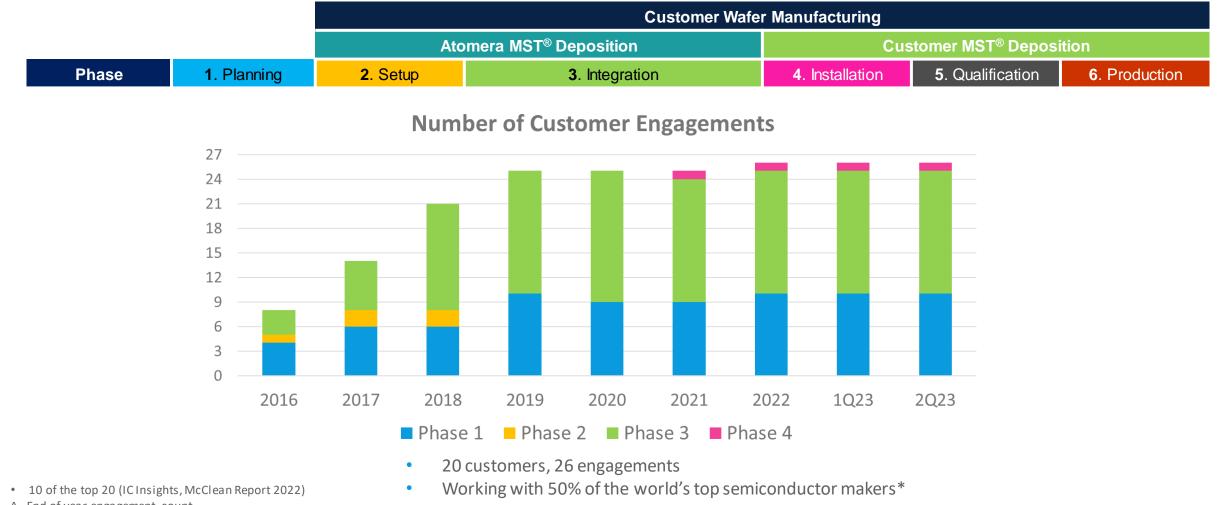
Transistor enhancement technology for the \$550B semiconductor market

High Leverage IP Licensing Business Model

Top Tier Management Team Strong, Growing and Defensible **Patent Portfolio**

Customer Pipeline

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^ End of year engagement count

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Variability reduction with MST

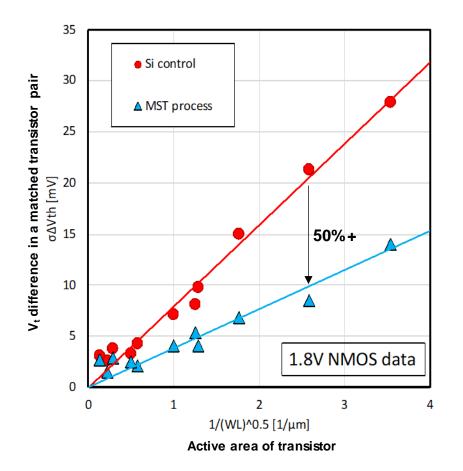
High variability between transistors is a significant issue

- A big driver of variability is Random Dopant Fluctuation (RDF)
- Some transistors are designed larger to account for variability
- This increases costs and limits the minimum achievable voltage and power

Advanced GAA transistor need solutions for RDF

DRAM sense-amp variability is a major design constraint

- Sense-amp margin defines refresh interval and resulting power
- Improving variability allows smaller sense-amp and reduced power
- MST can minimize RDF and lower variability, critical in advanced nodes and memories



Financial Review



<u>Income Statement</u>		Three Months Ended					
(\$ in thousands, except per-share data)	Ju	ne 30, 2023	March 31, 2023		June 30, 2022		
REVENUE			\$	-	\$	-	
Gross Profit				-		-	
OPERATING EXPENSES							
Research & Development		3,192		3,036		2,433	
General and Administration		1,775		1,742		1,667	
Selling and Marketing		393		389		347	
TOTAL OPERATING EXPENSES		5,360		5,167		4,447	
OPERATING LOSS		(5,360)		(5,167)		(4,447)	
Other Income (Expense)		208		148		(34)	
NET LOSS	\$	(5,152)	\$	(5,019)	\$	(4,481)	
Net Loss Per Share	\$	(0.21)	\$	(0.21)	\$	(0.20)	
Weighted average shares outstanding		24,677		23,660		22,936	
ADJUSTED EBITDA (NON-GAAP)	\$	(4,310)	\$	(4,220)	\$	(3,569)	
ADJUSTED EBITDA PER SHARE	\$	(0.17)	\$	(0.18)	\$	(0.16)	
Balance Sheet Information							
Cash, equivalents & ST investments	\$	23,835	\$	17,052	\$	21,838	
Debt				-		-	

Mission Statement

We collaborate with customers to improve their products, through integration of MST,

so that both companies benefit financially

• **Solution** atomera

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Thank You

Atomera Incorporated